

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A headliner for trimming a passenger compartment of a vehicle roof having a non-flat, contoured, passenger compartment-facing inboard surface ~~vehicle panel, the headliner~~ comprising:

~~an interior trim panel for trimming a passenger compartment of a vehicle roof having a non-flat, contoured, passenger compartment-facing inboard surface, including~~

a core layer including a first polymer material having heat absorbing properties, the core layer having inboard and outboard surfaces; and

a first film layer bonded without an adhesive to the outboard surface of the core layer and including a second polymer material having heat reflection properties, wherein the second material is coated with a metallic material to define a heat formable metalized film layer, wherein said heat formable metalized film layer is formed to define a non-flat topography that matches the non-flat, contoured, passenger-compartment-facing inboard surface of the vehicle roof[[.]]; and

a second film layer disposed on the inboard surface of the core layer and exposed to the passenger compartment;

~~wherein said interior trim panel comprises a headliner~~ the heat formable layer of metalized film layer is positioned completely against the non-flat, contoured, passenger-compartment-facing inboard surface of the vehicle roof without any air gap therebetween.

2. (Currently amended) The vehicle panel of claim 1, wherein ~~said~~ the first material is heat bondable to the second material.

3. (Currently amended) The vehicle panel of claim 2, wherein ~~said~~ the polymer of ~~said~~ the second material that forms ~~said~~ the heat formable metalized film layer comprises polyethylene terephthalate (PET).

4-8. (Canceled)

9. (Currently amended) An assembly of a vehicle including at least two panels, the assembly comprising:

a structural outer roof panel of a vehicle having a non-flat, contoured, passenger-compartment-facing inboard surface;

a passenger compartment interior trim panel disposed adjacent the structural outer roof panel of the vehicle and having an outboard surface defining a non-flat topography that matches the non-flat, contoured, passenger-compartment-facing inboard surface of the structural outer roof panel, ~~wherein~~ the passenger compartment interior trim panel ~~includes comprising:~~

a core layer having inboard and outboard surfaces;[[.]] and

a heat formable metalized film layer bonded to ~~said~~ the outboard surface of the core layer, ~~wherein said heat formable metalized film layer forms and defining a non-flat topography of an outboard surface of the passenger compartment interior trim panel that matches the non-flat, contoured, passenger-compartment-facing inboard surface of the structural outer roof panel,~~ the heat formable metalized film layer positioned completely against the passenger-compartment-facing inboard surface of the structural outer roof panel of the vehicle without an air gap between the structural outer roof panel ~~of the vehicle~~ and the passenger compartment interior trim panel; and

a decorative layer disposed on the inboard surface of the core layer and exposed to the passenger compartment.

10. (Currently amended) The assembly ~~of a vehicle including at least two panels~~ of claim 9, wherein ~~said the~~ core layer includes a first material, ~~wherein said and the~~ heat formable metalized film layer includes a second material, ~~wherein~~ the first material ~~is being~~ compatible with the second material, ~~wherein and~~ each of the first material and the second material includes a polymer material.

11. (Currently amended) The assembly ~~of a vehicle including at least two panels~~ of claim 10, wherein ~~said the~~ polymer material ~~comprising said of the~~ second material that forms ~~said the~~ heat formable metalized film layer comprises polyethylene terephthalate (PET).

12. (Currently amended) The assembly ~~of a vehicle including at least two panels~~ of claim 10, wherein said first material ~~comprising said of the~~ core layer is comprises an insulating material.

13. (Currently amended) The assembly ~~of a vehicle including at least two panels~~ of claim 12, wherein ~~said~~ the first material ~~comprising~~ said of the core layer comprises polypropylene.

14. (Currently amended) The assembly ~~of a vehicle including at least two panels~~ of claim 9, wherein ~~said~~ the passenger compartment interior trim panel comprises a headliner.

15. (Canceled)

16. (Withdrawn) A method of manufacturing a vehicle panel having a non-flat topography, comprising the steps of:

- positioning a core layer on a first mold half of a mold tool;
- positioning a heat formable metalized film on a second mold half of the mold tool; and
- closing the first and second mold halves and applying heat to the core layer such that the heat from core layer is transferred to the metalized film, whereby the metalized film becomes formable and bonds to the core layer, and whereby the metalized film forms a metalized contoured panel matching an exterior surface of a vehicle.

17. (Withdrawn) The method of claim 16, wherein the vehicle panel is attached to a vehicle surface substantially without an air gap.

18. (Currently amended) A vehicle roof construction comprising:

- an outer structural panel having an outer surface and a passenger-compartment-facing inboard surface, wherein the outer structural panel forms a non-flat vehicle roof; and

- an interior trim panel having a vehicle-roof-facing outboard surface and an inner surface, ~~wherein~~ the interior trim panel ~~forms~~ forming a headliner adjacently-attached to the passenger-compartment-facing inboard surface without an air gap therebetween, ~~wherein~~ the headliner ~~includes~~ comprising:

- a thermoformed film layer facing and attached to ~~said~~ the passenger-compartment-facing inboard surface of ~~said~~ the vehicle roof[,]]; and

a core layer heat bonded to ~~said the~~ film layer, wherein the core layer includes including a first material having heat absorbing or insulating properties, ~~wherein the film layer includes~~ a second material having heat-reflecting properties, wherein each of the first material and the second material includes including a polymer material, wherein the second material that forms the film layer is coated with a metallic material to define a metalized film layer; and
a decorative layer disposed on an inboard surface of the core layer and forming the inner surface of the interior trim panel.

19. (Previously Presented) The vehicle roof construction of claim 18, wherein the polymer material comprising the second material of the metalized film layer comprises:
a polyethylene terephthalate (PET).

20-21. (Canceled)

22. (Currently amended) The vehicle roof construction of claim ~~20~~ 18, further comprising~~[[:]]~~ a second layer attached thereto or a surface opposite of ~~said the~~ metalized film layer.

23. (Currently amended) The vehicle roof construction of claim 22, wherein ~~said the~~ second layer is a fabric material.

24. (New) The vehicle panel of claim 1, wherein the second film layer comprises at least one of a metalized film and fabric.

25. (New) The vehicle panel of claim 9, wherein the decorative layer comprises at least one of a metalized film and fabric.

26. (New) The vehicle panel of claim 18, wherein the decorative layer comprises at least one of a metalized film and fabric.